United States Marine Corps

COMMAND BRIEF:

Chemical Biological Incident Response Force

4th Marine Expeditionary Brigade
(Anti Terrorism)

Mission

Established April 1996 per CMC planning guidance

"When directed, forward-deploy and/or respond to a credible threat of a **chemical, biological, radiological, nuclear, or high yield explosive (CBRNE) incident** in order to assist local, state, or federal agencies and designated Combatant Commanders in the conduct of consequence management operations.

Non-Traditional Mission

- “Close with and save” vice “close with and destroy”
- Battlefield is civilian controlled
- Adjacent Units are Civilian First Responders
- Tactical Command and Control is Civilian Incident Command System
- Force Protection doesn’t involve Firearms

Tasks

-Conduct Agent Detection and Identification Operations

-Conduct Casualty Search and Extraction Operations

-Conduct Personnel Decontamination Operations

-Provide Emergency Medical Care and Stabilization

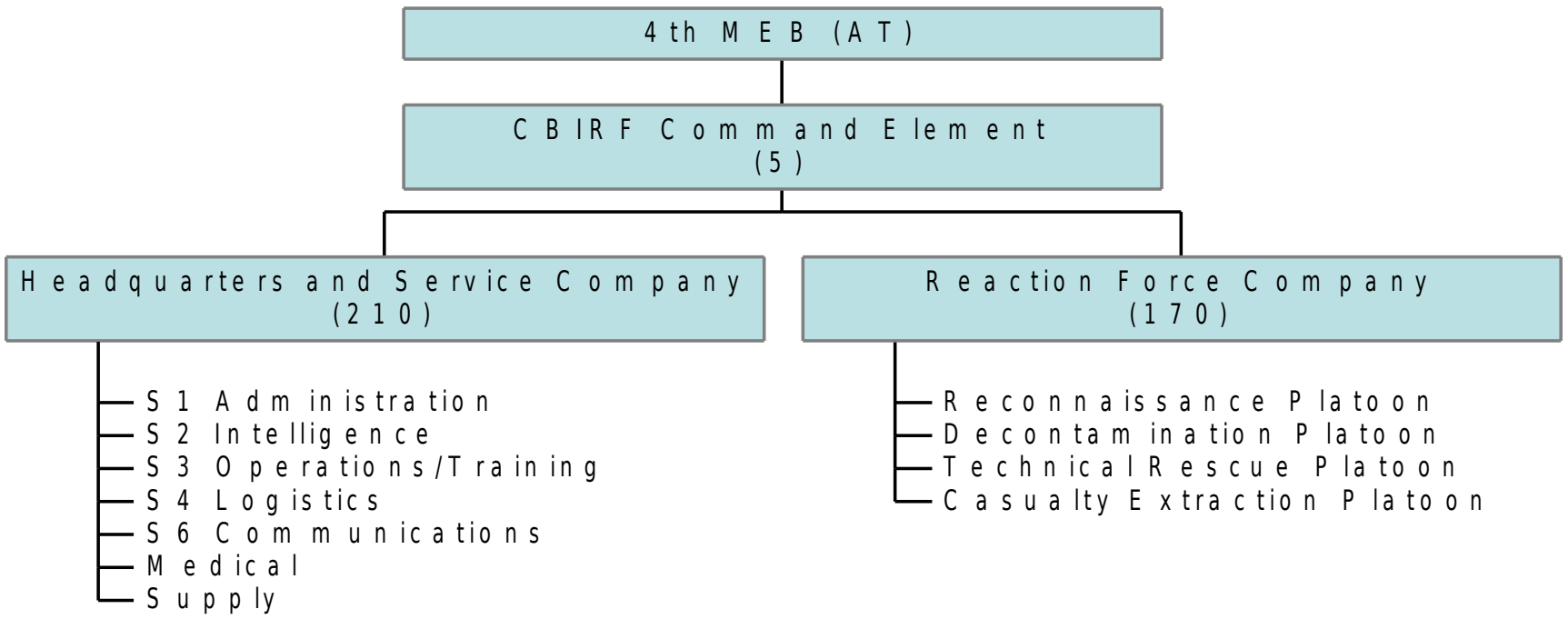
-Provide Force Protection in CBRNE Environment

-Task Organize in Support of National Events

-Coordinate with Local, State & Federal Agencies

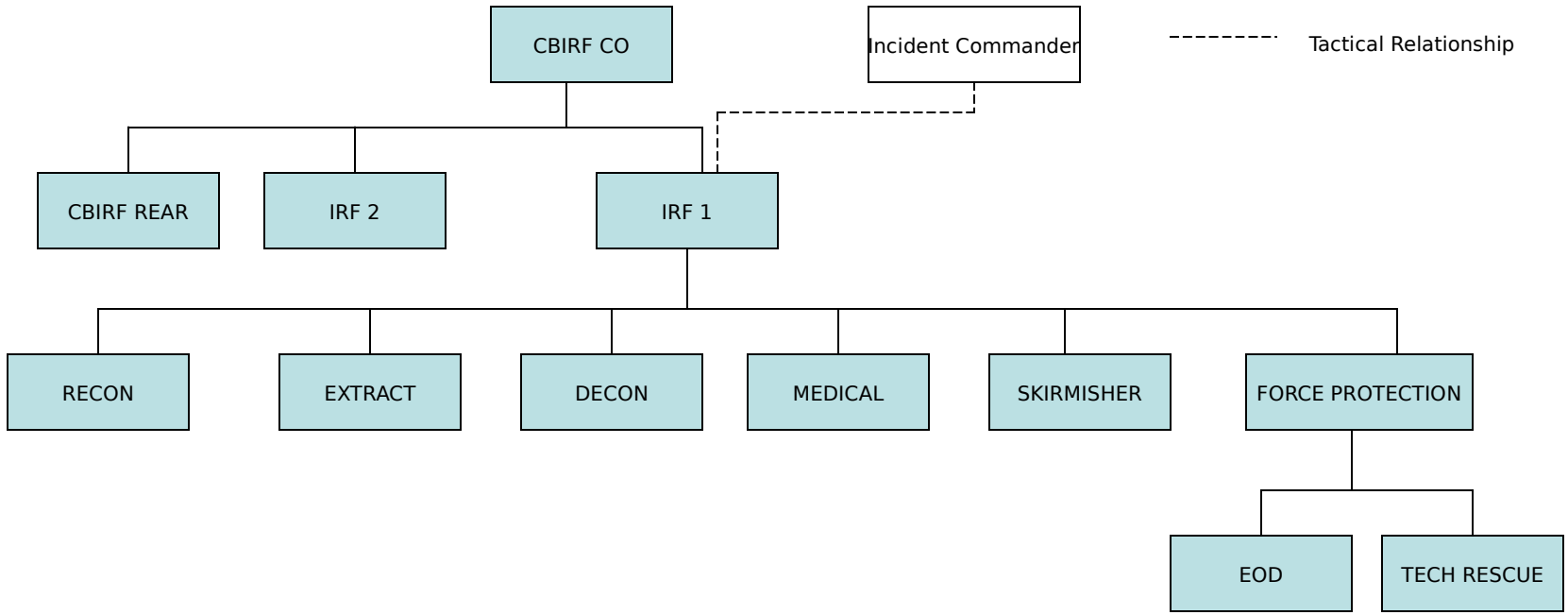
-Develop Concepts, Organization, TTP's, and Equipment

Administrative Organization



- **16 civilian contractors**
- **40+ USMC/USN Occupational Fields**

Task Organization



CBIRF Concept of Operations

- **No Notice**
  - **IRF-1 ~ 120 personnel/1 hour alert/365 days a year (31 level A capable / two entries each)**
  - **IRF-2 ~ 200 personnel/4 hour notice**
- **Pre-Staged/Forward Deployed**
  - **Task organized for support to Combatant Commanders**
  - **National Special Security Events (NSSE)**
  - **As directed**

No Notice: IRF-1

Vehicle/Fixed Wing Ops

120 personnel

22 vehicles and equipment (commercial)

Vehicle deploy in 1 hour

Deploy from air port of embarkation in 4 hours-palletized

- **Capabilities**
  - **Detection/identification of CBRNE hazards**
  - **Rapid extraction, casualty extraction and technical rescue**
  - **Decon 65-75 non-amb/200-225 ambulatory casualties per h**
  - **Medical triage/stabilization and medical regulation**
  - **Explosive ordnance disposal (force protection)**
  - **Command,control,communications,computers and intelligence**
  - **Logistics**

No Notice: IRF-1

Helo Ops Concept

- 48 Personnel / 2 Gators
- Helicopter Transportable
- Deploy from Indian Head in
- Capabilities
  - Detect/ID Chemical Hazards
  - Rapid Casualty Extraction
  - Med Stabilization/Triage
  - Decon 20-25 non-ambulatory

Gator

No Notice: IRF-2

Vehicle/Fixed Wing Ops

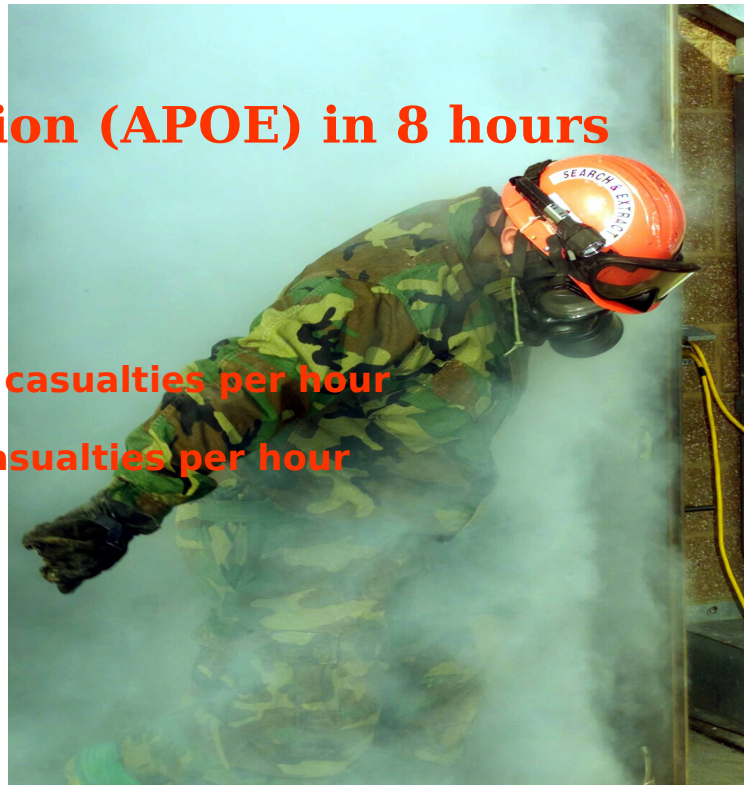
200 additional personnel

24 additional vehicles and equipment

Vehicles deploy in 4 hours

Deploy from air port of embarkation (APOE) in 8 hours after notification

- **Capabilities**
  - **Decon additional 60-75 non-ambulatory casualties per hour**
  - **Decon additional 200-225 ambulatory casualties per hour**
  - **Re-supply as required - Prime Vendor**



Operational Capabilities

NBC Reconnaissance

- Detect and ID ~120,000 toxic industrial chemicals (TICS)
- Detect and ID all known chemical warfare agents (CWA)
- Confirmatory ID of 8 biological agents with HHA, ELISA, PCR bio detection capabilities
- More than 20 other bio agents can be identified when required
- Collect bio samples for lab analysis
- Detect and measure alpha, beta, gamma, neutron, and x-ray emissions
- Levels A, B, and C capable

Level A

Level B

Operational Capabilities

Casualty Extraction

- **Rapid Extraction Team - Level A extraction**
  - **Non ambulatory (6-12 casualties per hour)**
  - **Ambulatory (direct or lead out)**
- **Search Extract Team – Level A, B, C**
  - **11 2-man Extract Teams**
  - **9 2-man "Skirmisher" Teams – Level C**

LEVEL "A"

LEVEL "C"

Operational Capabilities

Medical

- Trauma supplies for approximately 150 patients with a range of injuries
- Antidotes for ~1500 nerve agent casualties (3 Mark I auto-injectors per)
- Airway management for ~28 respiratory distress cases
- Level C capable

Operational Capabilities

Decontamination

- Force protection decon (30-45 per hour/IRF)
- Ambulatory decon (200-225 per hour/IRF)
- Non-ambulatory decon (65-75 per hour/IRF)
- Levels B and C capable

Operational Capabilities

Technical Rescue

- Confined space rescue, trench rescue and advanced rope rescue
- Collapsed structure stabilization and rescue
- Victim search and extraction
- Levels B and C capable

Rope Rescue

Trench Rescue

Confined Space Rescue

Operational Capabilities

Explosive Ordnance Disposal (EOD)

- Unmanned reconnaissance utilizing the ANDROS
- Portable X-Ray with real time imagery
- IED render safe capabilities
- Detect/measure Alpha and Gamma; detect Beta
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ANDROS ROBOT

Blast guard Tent

EOD 7B suit

Operational Capabilities

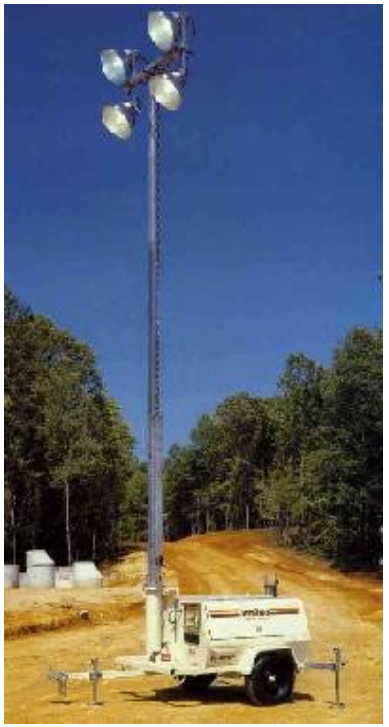
Command and Control

- Secure Voice/Data tactical/civilian SATCOM
- Mobile Technical reach-back resource – Defense Threat Reduction Agency (DTRA)
- Tactical Communications
- Law Enforcement Liaison

Operational Capabilities

Logistics

- Organic transport assets
- Power generation
- Re-constitution of deployed forces
- Open purchase



Training Events
Overview

Forward Deployed Training:

-New York City -San Francisco

No Notice: Monthly IRF training

-Baltimore F.D. -Washington D.C. F.D.

-Arlington F.D. -Montgomery F.D

-Norfolk, Virginia

Live Agent Training

-Defense Research Facility, Alberta, Canada (Bi-Annual)

-DOE Test Facility, Nevada

Tech Board Concept of Operations

- **CBRNE Tech Board and TWG meets 3rd Friday monthly:**
  - **Working Group meetings**
  - **Technology demonstrations by industry.**
  - **Evaluate TWG recommendations and establish priorities for procurement/R&D initiatives.**
  - **Integration of new technology in current & future operations**
- **Tech Board and TWG looks at eight mission areas during three cycles:**
- **Cycle one addresses Decon and Medical (Mar – Jun)**
  - **Cycle two addresses PPE and Recon (Jun – Sep)**
  - **Cycle three addresses General Support, SAR, C4I2, and AT/FP (Sep-Dec)**

CBIRF Tech Board Partners and Subject Matter Experts

USAF AFFPBL

DTRA

NGB CST

National Guard Bureau

NMRC-BDRD

NIOSH-CDC

Tech Escort

USCG NSFCC

US EPA ERT

DOE

FBI HMRU

FEMA

U.S. Capitol Police

FDNY

S.F. Fire Dept

Balt. City F.D.

D.C. Fire Dept

NYPD

Commander's Intent

1) Mission

-Flexible Force Packaging

-Risk Based Response

2) Force Welfare

-Innovative Personal Protective Equipment

-3 Watch Section

3) Command's Reputation

-Marine Corps Combat Readiness Evaluation System in a 1st responder environment

-WE ARE TEAM PLAYERS

Summary

- **Lifesaving Organization**
- **2 Incident Response Forces (IRF's)**
- **All Capabilities for WMD Mass Casualty Events**
- **Mission Executed in Contaminated Environment**
- **Self Contained and Flexible**
- **Incident Command and Military C2 System**
- **Leader in WMD-Mass Casualty TTP's**

Questions